## **CONTENTS**

Volume 45 (1987)

T. Iida, F.C. Chang, J. Goto and T. Nambara, Carbon-13 nuclear magnetic resonance spectra of bile acid derivatives. Part II. Mono-, di- and trihydroxy stereoisomers of	
methyl 5a-cholanoates	1
S. Ekman and J.P. Slotte, Effects of substrate composition on the esterification and	13
hydrolysis activity of lysosomal acid sterol ester hydrolase	13
S. Nury, G. Piéroni, C. Rivière, Y. Gargouri, A. Bois and R. Verger, Lipase kinetics at	
the triacylglycerol-water interface using surface tension measurements	27
A.L. Catapano, Activation of lipoprotein lipase by apolipoprotein C-II is modulated by the COOH terminal region of apolipoprotein c-III	39
P. Haeyaert, A. Verdonck and F.H. van Cauwelaert, Influence of acylcarnitines of	
different chain length on pure and mixed phospholipid vesicles and on sarcoplasmic	49
reticulum vesicles	49
M.S.F. Lie Ken Jie and H.B. Lao, Fatty acids, part 31. The preparation and some	65
physical properties of azido fatty esters	03
A. Ortiz and J.C. Gómez-Fernández, A differential scanning calorimetry study of the	70
interaction of free fatty acids with phospholipid membranes	75
W.K. Liddle, C.R. Middaugh and A.T. Tu, A calorimetric examination of the effect of myotoxin a on the thermotropic phase behavior of model lipid membranes	93
Announcement	101
LIPID PEROXIDATION: PART II. PATHOLOGICAL IMPLICATIONS	
Teter direction	103
Introduction	105
H. Kappus, A survey of chemicals inducing lipid peroxidation in biological systems	
G. Poli, E. Albano and M.U. Dianzani, The role of lipid peroxidation in liver damage	117
M. Comporti, Glutathione depleting agents and lipid peroxidation	143
lipid peroxidation	171
R.S. Britton, B.R. Bacon and R.O. Recknagel, Lipid peroxidation and associated	
hepatic organelle dysfunction in iron overload	207
M.J. O'Connell and T.J. Peters, Ferritin and haemosiderin in free radical generation,	
lipid peroxidation and protein damage	241
M.R. Clemens and H.D. Waller, Lipid peroxidation in erythrocytes	251
M.E. Bégin, Effects of polyunsaturated fatty acids and of their oxidation products on cell survival	269
G. Jürgens, H.F. Hoff, G.M. Chisolm III and H. Esterbauer, Modification of human serum low density lipoprotein by oxidation — characterization and	
pathophysiological implications	315
K. Yagi, Lipid peroxides and human diseases	337
T.L. Dormandy and D.G. Wickens, The experimental and clinical pathology of diene	
conjugation	353
Subject Index — Volume 45	365
Author Index — Volume 45	369
Contents — Volume 45	371

